



August 25, 1998

AUG 26 11 11 PM '98

Mr. Bob Butler
Sites Management Section
Vermont Department of
Environmental Conservation
103 South Main Street
Waterbury, Vermont 05676

SITE MANAGEMENT
DIVISION

RE: Sugarwood Ridge, Pittsford, Vermont, VDEC # 98-2396
SMAC Request

Dear Mr. Butler:

In response to your July 20, 1998 request, Lincoln Applied Geology, Inc. (LAG) has completed additional sampling at the above-referenced site. As detailed in our most recent report, LAG supervised and monitored the removal of petroleum impacted soils from two areas at the site. A detailed site map is provided as **Figure 1**. One area included an Underground Storage Tank (UST) which formerly contained #2 fuel oil. This UST and the associated petroleum impacted soils were removed, and confirmatory sampling indicated that no petroleum contamination remains in this area. This UST and soil removal work was summarized in a March 3, 1998 report.

LAG also supervised the removal of less than one cubic yard of stained soils from beneath a leaky aboveground storage tank (AST) which formerly contained kerosene. Approximately two backhoe scoops of stained soil were removed from beneath the AST until no evidence of staining remained. PID assays of soil from the excavation bottom were below 10 parts per million (ppm). In your July 20th letter and our subsequent phone call, you requested confirmatory sampling from the bottom of this AST excavation. In this regard, one composite soil sample was collected from the bottom of the former leaky AST #2 excavation and analyzed for total petroleum hydrocarbons (TPH) using EPA Method 8100. The laboratory analytical report is provided as **Attachment A**. PID assays of soil from the excavation bottom remained at background (BG). In addition, no residual petroleum contamination was detectable by laboratory analysis.

No potential receptors exist near either excavation area. The nearest water supply well is located greater than 500 feet from the site, atop the small mountain to the west. In addition, indoor air at the remaining nearby residence is not likely to be affected, as no detectable petroleum contamination remains at the site. Ground water was not encountered in either excavation within the silty soils, and is also unlikely to have been impacted. No surface water receptors exist at or near the site.

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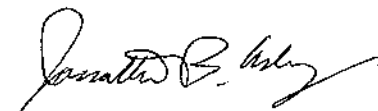
Conclusions and Recommendations

Based on the available data, we conclude the following:

- The source, nature, and extent of contamination have been adequately defined using PID headspace assays during contaminated soil removal;
- The sources of petroleum contamination (one UST and one AST) have been removed;
- Levels of contamination in soil are non-detectable, and ground water was not impacted by either release. Therefore, ground water quality enforcement standards and soil guideline levels have been met;
- No unacceptable threat to human health or the environment exists on-site; and
- The site meets RCRA and CERCLA requirements.

Based on these conclusions, we recommend that the site be designated with "Site Management Activity Completed" status. If you have any questions or concerns with regard to these conclusions or recommendations, please call me at 453-4384.

Sincerely,
Lincoln Applied Geology, Inc.



Jonathan B. Ashley, P.E.
Environmental Engineer

JBA/sk
enclosures

cc: Tom Firliet

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Lincoln Applied Geology, Inc.
Environmental Consultants

163 Revell Road • Lincoln, Vermont 05443 • (802) 453-4384 • FAX (802) 453-5399

ROUTE 7

GRASSY AREA

YELLOW
FARM
-OLSE

FORMER 270 GALLON —
OIL AST
APPROXIMATE LOCATION

FORMER 300 GALLON —
FUEL OIL TST
APPROXIMATE LOCATION

—TREE STUMPS

DIRT DRIVEWAY
& PARKING AREA

TO WATER SUPPLY
PUMP SHED

FORMER 1 FAKY 275 GALLON
KEROSENE AS I
APPROXIMATE LOCATION

TO MOUNTAIN AND
WATER SUPPLY WELL
(>500 FEET)

BROWN
HOUSE

FIGURE 1

ALBANK
SUGARWOOD RIDGE
PITTSFORD, VERMONT

DETAILED SITE MAP

Date:	Job Type:	Scorer:
FEB '98	UST AND ASI REMOVAL	NTS

Attachment A

Laboratory Analytical Report

Green Mountain Laboratories, Inc.

27 Cross Road
Middlesex, Vermont 05602

Phone (802) 223-1468

Fax (802) 223-8688

LABORATORY RESULTS

CLIENT NAME:	Lincoln Applied Geology	REF #:	3961
CLIENT ADDRESS:	163 Revell Drive	PROJECT NO.:	NA
	Lincoln, VT 05443	DATE OF SAMPLE:	07/24/98
PROJECT NAME:	Albank (Pittsford)	DATE OF RECEIPT:	07/28/98
SAMPLER:	Jake Peirce	DATE OF ANALYSIS:	08/12/98
ATTENTION:	Jon Ashley	DATE OF REPORT:	08/18/98

Total Petroleum Hydrocarbons (TPH) by EPA Method 8100M (mg/kg - ppm)

Sample	Percent Dry Wt.	PQL	TPH Results
Soil Sample (Tank Area)	89.6	33	<33

PQL= Practical Quantitation Limit

Reviewed by:



Sarah Hallock
Director of Chemical Services

AUG 21 1998

APPLIED GEOLOGY, INC.

